A BIBLIOGRAPHY OF TECHNICAL PAPERS ON AGRICULTURAL RESEARCH PUBLISHED BY THE CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS,

Madrid, Spain, 1942-1959

~~Title translations and bibliography prepared by~~ Frieda C. Miller,
under the direction of V. S. Aronovici, Soil Scientist
Pomona Irrigation Laboratory, Western Soil and Water Management Research,
Agricultural Research Service, ~~United States Department~~ of Agriculture
P. O. Box 629, Pomona, California

Spanish research in the fields of plant and earth science has rapidly expanded since 1942. There are three main groups of organizations actively engaged in agricultural research in Spain. Possibly the largest of these is the Consejo Superior de Investigaciones Cientificas (Senior Board of Scientific Investigations), which is loosely tied to the National University system and has a number of satellite research centers located at strategic field stations. It is active in fields of scientific and humanities research and carries on fundamental research in the fields of earth and agronomy science. The second group, directed by Sr. Cayetano Tomes, includes the universities with the major activity centered at the University of Madrid. He and his staff have done much work in the broad ecological fields of agriculture, relating climate, water use and soils. The third group, under the Department of Agriculture, includes primarily action agencies - the largest of which is the Instituto Nacional de Colonizacion. This organization is actively engaged in land development for irrigation and has a number of field trial projects underway, notably the drainage of the Delta of the Guadalquivar and the Rosarita Project located west of Madrid.

It was possible, through the kindness of the Consejo, to obtain a complete set of the research publications of the Consejo Superior de Investigaciones Scientificas, from 1942 through 1959. These publications are entitled, "Anales de Edafologia y Fisiologia Vegetal" (Journals of Soil Science, Ecology and Physiology of Plants). Almost every paper has an extensive bibliography which is international in nature. Most of the papers have abstracts in English, French or German. The titles usually are in Spanish only. The publications of the Consejo are relatively unknown in the United States, and are rather difficult to obtain because of the relatively small number printed. For this reason it is believed that the attached bibliography of the Anales de Edafologia y Fisiologia Vegetal will be of interest to many of our scientists.

A survey of the titles indicates the need for a closer coordination between research and action agencies in Spain. Note that nearly 30 percent of the publications are devoted to very detailed clay research. There is a very excellent clay mineral laboratory at the Consejo, quite possibly the result of the work of the world-renowned soil morphologist, Prof. Dr. Walter Kubiena, who was there for a number of years. The bibliography also includes a rather large number of papers on soil analytical procedures, but very few dealing with salinity. This is interesting in view of the fact that salinity is a major problem in many parts of Spain.

The Pomona Irrigation Laboratory will gladly loan these journals to scientists interested in reviewing any of the papers.

Following is a list of agencies and experimental stations which contribute to the Anales de Edafologia y Fisiologia Vegetal:

Estacion Experimental de Aula Dei. Zaragoza	Experimental Station of Aula Dei, Zaragoza
Instituto de Aclimatacion, Almeria	Institute of Acclimation, Almeria
Instituto Nacional de Investigaciones Sevilla	Institute of Tobacco Biology, Seville
Instituto Nacional de Investigaciones Agronomicas	National Institute of Agronomy Investigations
Laboratorio del Transporte y Mecanica del Suelo, del Centro de Estudios y Experimentacion de Obras Publicas	Laboratory of the Changes and Mechanics of the Soil, the Center of Studies and Experiments of Public Works
Mision Biologica de Galicia, Pontevedra	Biology Mission of Galicia, Pontevedra
Sociedad Espanola de Ciencia del Suelo	Spanish Society of Soil Science
Sociedad Espanola de Mecanica del Suelo y Cimentaciones	Spanish Society of the Mechanics of Soil and Minerals

SUBJECT INDEX

AGRONOMY RESEARCH

The transformation of an Aspergillus into a bacterial form.
Author: F. Socias
Summary: English
Source: Anal. Edaf. Tomo VIII, Numero 2, pp. 243-262, March-April, 1949

Some aspects of the scientific studies of the natural fields (pastures)
Authors: G. Gonzales and G. Gonzales
Summary: English
Source: Anal. Edaf. Tomo VIII, Numero 5, pp. 613-638, Sept-Oct., 1949

Pollen statistics of service in the study of honey
Author: E. Zander
Summary: None
Source: Anal. Edaf. Tomo IX, Numero 2, pp. 195-210, March-April, 1950

Notes on the order of flowers of Galacia
Author: Ernesto Vieitez
Summary: None
Source: Anal. Edaf. Tomo IX, Numero 4, pp. 431-440, July-August, 1950

The influence of temperature and soil humidity on the resistance of B. anthracis spores. (Viability of B. anthracis spores in soils under different conditions
Author: G. Gonzalez and G. Gonzalez
Summary: English
Source: Anal. Edaf. Tomo IX, Numero 6, pp. 665-678, Nov.-Dec., 1950

Pollen content in the honeys of Galacia
Author: E. Vieitez
Summary: English
Source: Anal. Edaf. Tomo X, Numero 1, pp. 79-101, Jan.-Feb., 1951

A study of the determination of calcium and magnesium in tobacco without previous mineralization
Authors: V. Cortes Munoz, J. M. Alcala and R. de la Borbolla
Summary: English
Source: Anal. Edaf. Tomo X, Numero 3, pp. 247-286, May-June, 1951

Analytical techniques of interest in biology
Author: Not stated
Summary: None
Source: Anal. Edaf. Tomo X, Numero 5, pp. 525-536, Sept.-Oct., 1951

Studies on the transformation of vegetables - experiments with lysimeters on bean cultures to determine water requirements and variation of stomata according to water supply
Authors: Maria Dolores Carpio Angulo and L. Rodriguez Cavanillas
Summary: English
Source: Anal. Edaf. Tomo X, Numero 6, pp. 595-602, Nov.-Dec., 1951

Experiments using both hard and soft cuttings of chestnut hybrids to get a strain that is resistant to fungus disease
Author: E. Vieitez
Summary: English
Source: Anal. Edaf. Tomo XI, Numero 2, pp. 185-210, March-April, 1952

The use of 2,3,5-Triphenyltetrazolium chloride for testing the germinating ability of seeds
Author: E. Vieitez
Summary: English
Source: Anal. Edaf. Tomo XI, Numero 3, pp. 297-308, May-June, 1952

Some studies on the vernalization of maize
Author: Ernesto Vieitez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 1, pp. 55-82, January, 1953

Experiments with growth-promoting substances to root chestnuts
Author: Ernesto Vieitez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 4, pp. 337-374, April, 1953

A report on the cultivation of alfalfa in Galacia
Authors: Ernesto Vieitez and Gregorio Fraile
Summary: English
Source: Anal. Edaf. Tomo XII, No. 6, pp. 551-564, June, 1953

Studies of the Plant Pathology Department at Rothamsted Experimental Station of the nature, properties and control of plant viruses and fungus diseases
Author: Sir William Ogg
Summary: English
Source: Anal. Edaf. Tomo XII, No. 6, pp. 565-574, June, 1953

Alkaloids in the potato. XIX. The amount of alkaloids in the Spartium junceum L. cultivated in Galacia
Authors: I. Ribas and M.a C. Seoane
Summary: English
Source: Anal. Edaf. Tomo XII, Nos. 7-8, pp. 695-702, July-Aug., 1953

A contribution to the study of mineral composition in some forage crops in Galacia
Authors: Gaspar Gonzalez and Rafael Gallego
Summary: English
Source: Anal. Edaf. Tomo XII, Nos. 9-10, pp. 767-780, Sept.-Oct., 1953

Treatment of maize seed with B-indolylacetic acid and A-naphthalene-acetic acid
Author: Ernesto Vieitez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 12, pp. 1033-1044, December, 1953

A contribution to the knowledge of some plant species of Spain. A study of systemic ecology
Author: F. Mihelcić
Summary: German
Source: Anal. Edaf. Tomo XIII, No. 2, pp. 103-110, February, 1954

Analysis of foliage. I. The method of microchemical analysis of leaves is applied for the investigation of mineral deficiencies in plants
Authors: R. Dios Vidal and J. M. Albareda Herrera
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 5, pp. 339-418, May, 1954

On the methods of the Paleodafologia
Author: W. L. Kubiena
Summary: German
Source: Anal. Edaf. Tomo XIII, Nos. 7-8, pp. 523-544, July-Aug., 1954

Analysis of foliage. II. The values of foliar diagnosis of corn and potato plants of the same physiological age treated with different combinations of fertilizers (biochemical control of nutrition)
Authors: R. Dios Vidal and J. M. Albareda Herrera
Summary: English
Source: Anal. Edaf. Tomo XIII, Nos. 7-8, pp. 559-600, July-Aug., 1954

Influence of the reaction of cultures in vitro in relation to the roots of the eggplant
Author: Maria Bausa Alcalde
Summary: English
Source: Anal. Edaf. Tomo XIII, Nos. 7-8, pp. 601-624, July-Aug., 1954

Paralization of the epidemic soft-rot of potatoes during the period of germination
Author: Roman Vicente
Summary: English
Source: Anal. Edaf. Tomo XIII, Nos. 9-10, pp. 705-722, Sept.-Oct. 1954

A discussion of literature on the use of the principle of ion migration on filter paper in studies of blood serums, amino acids, sugars, etc.
Author: R. Diaz Cadavieco
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 12, pp. 903-934, December, 1954

Fungistatic activity of bacteria in germinated potatoes
Authors: Roman Vicente and Jordana
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 1, pp. 51-60, January, 1955

Inhibition of the growth of Aspergillus gracilis produced by roots of Solanum melongena L. cultivated in vitro
Author: Maria Bausa Alcalde
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 1, pp. 41-50, January, 1955

Experimental studies in the use of fertilizers in the suppression of barbecho
Authors: Valentin Hernando, Luis Jimeno and Angel Guerra
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 3, 161-176, March, 1955

The different growth-promoting substances employed in rooting chestnuts to avoid undesirable toxic phenomenons
Author: Ernesto Vieitez
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 6, pp. 313-366, June, 1955

Some studies on the seasonal variation in the chemical composition of the pastureland of the Province of Pontevedra
Authors: M.a Guillermina Vieitez and Ernesto Vieitez
Summary: None
Source: Anal. Edaf. Tomo XIV, Nos. 7-8, pp. 379-476, July-Aug., 1955

The use of some growth-promoting substances on chestnut cuttings
Author: Ernesto Vieitez
Summary: English
Source: Anal. Edaf. Tomo XIV, Nos. 9-10, pp. 483-518, Sept.-Oct., 1955

Influence of temperature on the germination in the manifestation of the phenomenon of bacteriostatic effect in potatoes
Author: Roman Vicente Jordana
Summary: English and French
Source: Anal. Edaf. Tomo XIV, Nos. 9-10, pp. 519-539, Sept-Oct., 1955

Studies in competence. I. Variations in the protein content of dry matter of tall oat grass and alfalfa grown with lucerne
Authors: Gaspar Gonzalez and Erundino Alonso
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 11, pp. 579-600, November, 1955

A study of different types of permanent grassland indigenous to the Province of Pontevedra with regard to their feeding value for livestock
Authors: M.a Guillermina Vieitez and Ernesto Vieitez
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 12, pp. 675-746, December, 1955

Some preliminary notes on the theory that the agent of Cytoariesis may be a normal structure of the cell
Author: Roman Vicente Jordana
Summary: None
Source: Anal. Edaf. Tomo XIV, Nos. 9-10, pp. 539-540, Sept.-Oct., 1955

New mediums of culture for Rhizobium designed to facilitate the practice of inoculation in legume seeds
Author: Genoveva Tejerina
Summary: English
Source: Anal. Edaf. Tomo XV, No. 1, pp. 63-84, January, 1956

Infection of alfalfa with different strains of Rhizobium
Author: Eulalia Cabezas de Herrera
Summary: English and French
Source: Anal. Edaf. Tomo XV, No. 1, pp. 85-111, January, 1956

Action of pH on some Rhizobium
Author: Eulalia Cabezas de Herrera
Summary: English
Source: Anal. Edaf. Tomo XV, No. 2, pp. 167-184, February, 1956

The chemical composition in macro-and micronutrient of a number of hybrid corns cultivated in Galacia
Authors: Ramon Dios and Gerardo Dios
Summary: English
Source: Anal. Edaf. Tomo XV, No. 3, pp. 231-252, March, 1956

The first contribution to the study of plant sociology of the meadows of Galacia
Authors: Francisco Bellot and Bartolome Casaseca
Summary: English
Source: Anal. Edaf. Tomo XV, No. 4, pp. 291-330, April, 1956

Reduction in the decay of oranges by treatment with borax, boric acid and borax, and orthophenylphenate
Authors: Benito Orihuel and Jose Meri
Summary: English
Source: Anal. Edaf. Tomo XV, No. 6, pp. 439-492, June, 1956

A selective method for identification of some bacteria that cause diseases of plants, especially P. savastonoi
Authors: R. Vicente Jordana and R. Beltra
Summary: English
Source: Anal. Edaf. Tomo XV, No. 6, pp. 493-496, June, 1956

Experiments to determine the digestibility of seeds of legumes
Authors: Gaspar Gonzales and Eduardo Zorita
Summary: English
Source: Anal. Edaf. Tomo XV, Nos. 9-10, pp. 661-676, Sept.-Oct., 1956

Problems of rooting chestnut cuttings
Author: Ernesto Vieitez
Summary: English
Source: Anal. Edaf. Tomo XV, Nos. 9-10, pp. 629-660, Sept.-Oct., 1956

Studies of the genera Rhizobium infection of garbanzos
Authors: Regina Sanlier-Lamark and Eulalia Cabezas de Herrera
Summary: English and French
Source: Anal. Edaf. Tomo XV, No. 12, pp. 943-962, December, 1956

Intense influence of zoology (rabbits) on the succession of pasture yield for forage
Authors: S. Rivas Goday and E. Fernandez-Galiano
Summary: English
Source: Anal. Edaf. Tomo XV, No. 12, pp. 903-928, December, 1956

Studies in competence. II. The effect of the association of alfalfa with tall oat grass on the percentage of crude protein in both species, the effect of the association on the total and individual yield of fresh forage, and on the weed competition
Authors: Erundino Alonso and Gaspar Gonzalez
Summary: English
Source: Anal. Edaf. Tomo XV, No. 12, pp. 929-942, December, 1956

The effect of terramycin upon the microorganisms in the cells of the rumen and digestive tract of live sheep
Authors: E. Zorita and M. L. Calvo de Zorita
Summary: English
Source: Anal. Edaf. Tomo XV, No. 12, pp. 963-982, December, 1956

About the existance of a system of cellular defence from infection: It is thought that the agent of Cytoarjesis may be a normal structure of the cell (citoarjes)
Author: Roman Vicente Jordana
Summary: English and French
Source: Anal. Edaf. Tomo XVI, No. 3, pp. 387-456, March, 1957

The relationship that can exist between the soil and the agent of olive tuberculosis living therein
Author: R. Beltra
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 4, pp. 557-578, April, 1957

Influence of some factors on the external appearance of injury on the rind of W. Navel oranges by the use of sodium-hexamine and orthophenylphenate as a fungicide
Authors: Benito Orihuel Gasgue and Jose Meri Puig
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 6, pp. 751-784, June, 1957

A review of the literature until 1955 about some aids as inhibitors of growth of plants
Author: Ramiro Diaz Eimil
Summary: English
Source: Anal. Edaf. Tomo XVI, Nos. 7-8, pp. 867-884, July-Aug., 1957

A study of the living cells of the epidermis of bulbs of one hexaploid variety of Scilla maritima L.
Authors: M. Losada and G. Gimenez
Summary: English
Source: Anal. Edaf. Tomo XVI, Nos. 7-8, pp. 885-902, July-Aug., 1957

The effects of stilbesterol on the increase of live weight nitrogen balance and digestibility of nutrients in castrated and non-castrated male lambs
Authors: Eduardo Zorita and Gaspar Gonzalez
Summary: English
Source: Anal. Edaf. Tomo XVI, Nos. 9-10, pp. 983-1001, Sept.-Oct., 1957

Glass wool as a culture support in the study of boron deficiency in plants
Authors: F. Lucena Conde and R. Aragones Apodaca
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 11, pp. 1099-1110, November, 1957

Interaction of Ca/K in absorption of the elements by wheat plants. Influence of pH on the development of the wheat plants
Authors: J. M. Albaredo, V. Hernando and M. del Pilar Sanchez Conde
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 3, pp. 221-256, March, 1958

Infection of several genera of leguminous plants with a single strain of Rhizobium from Vicia sativa I.
Author: E. Cabezas de Herrera Sanchez
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 4, pp. 387-396, April, 1958

Experiments on wheat vernalization. First results
Author: Eduardo Esteban Velasco
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 5, pp. 457-472, May, 1958

The structure of the chloroplasts of citrus leaves. I. Lemon tree
Authors: J. Loustau, A. Ortuno and O. Carpena
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 5, pp. 473-485, May, 1958

Infection of several genera of leguminous plants with a single strain of Rhizobium from Lupinus Augustifolius II.
Author: Eulalia Cabezas de Herrera Sanchez
Summary: English and French
Source: Anal. Edaf. Tomo XVII, Nos. 7-8, pp. 669-678, July-Aug., 1958

Infection of several genera of leguminous plants with a single strain of Rhizobium from Pisum Sativum. III.
Author: E. Cabezas de Herrera Sanchez
Summary: English
Source: Anal. Edaf. Tomo XVII, Nos. 9-10, pp. 755-764, Sept.-Oct., 1958

Use of boron compounds to fight decay of the orange
Authors: B. Orihuel Gasque, J. Meri Puig and J. M. Tarraso
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 4, pp. 289-320, April, 1959

The structure of cloroplastidia of citrus leaves. II. Lemon trees with mineral deficiencies
Authors: O. Carpena, A. Ortuno and J. Loustau
Summary: None
Source: Anal. Edaf. Tomo XVIII, No. 5, pp. 329-346, May, 1959

Studies of the plant ecology of the Alcudia Valley. II. The medium and the vegetation
Author: Manuel Ocana
Summary: None
Source: Anal. Edaf. Tomo XVIII, Nos. 9-10, pp. 629-670, Sept.-Oct., '59

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An ecological, sociological and successive study of the communities of Pinus Pinaster in Western Galacia.
Author: Francisco Rodriguez Bellot
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 2, pp. 75-120, Jan.-Feb., 1949

On the presence of poliphenols in the coats of seeds of Ceratonia Siliqua L.
Authors: Cruz Rodriguez and Mariano Claver
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 2, pp. 59-68, Jan.-Feb., 1949

Agronomy Research

Causes of reduction in wheat productivity
Author: Luis Recalde Martinez
Summary: None
Source: Anal. Edaf. Tomo VII, No. 2, pp. 343-356, May-Aug., 1948

Some studies on the transpiration of vegetation. Experiences with the cultivation of wheat in lysimeters.
Author: Luis Cavanillas
Summary: None
Source: Anal. Edaf. Tomo VII, Vol. 1, pp. 187-200, Jan.-April, 1948

Conditions noted during the development of the seed of Gleditschia triacanthos L.
Author: Cruz Rodriguez
Summary: English
Source: Anal. Edaf. Tomo VII, Vol. 1, pp. 201-214, Jan.-April, 1948

The relationship between the genetical condition of maize and the biometrical characteristics of its pollen. (A preliminary work.)
Authors: Ernesto Vieitez Cortizo and Jose L. Blancho
Summary: English
Source: Anal. Edaf. Tomo VI, Vol. III, pp. 589-602 , Sept.-Oct., 1947

On the use of water-soluble preparations in the application of plant hormone creams.
Authors: Florencio Bustinza Lachiondo and Arturo Cabellero Lopez
Summary: English
Source: Anal. Edaf. Tomo VI, Vol. III, pp. 583-588, Sept.-Dec., 1947

A study of the different physiological relationships of Sternbergia Lutea Gawl. and Ker. (amarillis) with vegetal hormones.
Author: Arturo Caballero Lopez
Summary: German and English
Source: Anal. Edaf. Tomo VI, Vol. II, pp. 325-432, May-Aug., 1947

The influence of chlorine on some plants.
Author: Jose M.a Rodriguez de la Borbolla and Alcala
Summary: None
Source: Anal. Edaf. Tomo VI, Vol. 1, pp. 145-166, Jan.-April, 1947

A botanical study of some flower allergens and pollen content, determining the absolute pollen content of the atmosphere of Cantiago de Compostela.
Author: Ernesto Vieitez Cortizo
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. II, pp. 307-440, Nov. 1946

The life cycle of the Pseudomonas aeruginosa.
Author: Arnaldo Socias Amoros
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. II, pp. 455-530, November, 1946

Analysis of plants. II. The determination of nicotine.
Authors: Jose M.a R. de la Borbolla and Alcala, and A. de Castro Brezezicki
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. 1, pp. 93-122, May, 1946

Agronomy Research

A contribution to the study of the influence of sulfonamides on germination. First note.
Authors: Francisco Bustinza Lachiondo and Alvaro del Amo Gil
Summary: English
Source: Anal. Edaf. Tomo IV, Vol. 1, pp. 184-196, May, 1945

Ecological observations in the district of Tamajon (Guadalajara). A second note.
Authors: Salvador Rivas Goday and Luis M.a Estaban Marquez de Prado
Summary: English
Source: Anal. Edaf. Tomo III, Vol. 11, pp. 323-360, November, 1944

About the environment of the Montagnites radiosus (Pall.) in Spain.
Author: Francisco Bellot Rodriguez
Summary: English
Source: Anal. Edaf. Tomo III, Vol. 11, pp. 361-372, November, 1944

The chromatics of inulin in suspension.
Author: Cruz Rodriguez Munoz
Summary: German
Source: Anal. Edaf. Tomo III, Vol. 1, pp. 3-49, May, 1944

On the determination of the nitrogen content in tobacco.
Authors: Jose M.a Rodriguez de la Borbolla y Alcala
Summary: French
Source: Anal. Edaf. Tomo III, Vol. 1, pp. 59-71, May, 1944

The formations of Zizyphys Lotus (L.) Lamk in the dunes near the promotory of Gata.
Authors: Salvador Rivas Goday and Francisco Bellot Rodriguez
Summary: English
Source: Anal. Edaf. Tomo III, Vol. 1, pp. 109-126, May, 1944

The Schoenetum nigricantis found in the lake pastures of Valencia is of the Ammophiletalia and Salicornetalia orders of the Mediterranean.
Author: Salvador Rivas Goday
Summary: English
Source: Anal. Edaf. Tomo III, Vol. 1, pp. 72-108, May, 1944

Are the families of higher plants influenced by microbes infesting roots?
Author: Lorenzo Vilas Lopez
Summary: German
Source: Anal. Edaf. Tomo II, Vol. 11, pp. 332-349, November, 1943

On the presence of "cat tails" (or reed grass) in the high orchards.
Authors: Salvador Rivas Goday and Agustin Monasterio Fernandez
Summary: English
Source: Anal. Edaf. Tomo II, Vol. 11, pp. 350-366, November, 1943

Mineral- and water-loving plants.
Author: Cruz Rodriguez Munoz
Summary: None
Source: Anal. Edaf. Tomo II, Vol. 11, pp. 367-372, November, 1943

Agronomy Research

Observations of the ecology of the flowers of the province of Madrid.
Author: Salvador Rivas
Summary: English
Source: Anal. Edaf. Tomo 1, Ano 1, pp. 273-294, November, 1942

Comments on the distribution of plant species in "aquatic stations" in unripe soil.
Author: Salvador Rivas Goday
Summary: English
Source: Anal. Edaf. Tomo 1, Ano 1, pp. 257-272, November, 1942

The potassic salts in the plant economy, in relationship with the hydrolysis of magnesium chloride.
Author: Fernando Blasco Lopez-Rubio
Summary: German
Source: Anal. Edaf. Tomo II, Vol. II, pp. 263-331, November, 1943

Some aspects of the problem of hormones in floriation.
Author: Cruz Rodriguez Munoz
Summary: None
Source: Anal. Edaf. Tomo IV, Vol. II, pp. 354-364, November, 1945

Significant ecology of the species "basifilocalcareas" (plants that grow in limey soil) of the plants of Guadarrama. (No summary)
Authors: S. Rivas Goday, I. Asensio Amor and A. Monasterio Fernandez
Source: Anal. Edaf. Tomo IV, Vol. II, pp. 308-330, November, 1945

The history of penicillin.
Author: Florencio Bustinza Lachiondo
Summary: None
Source: Anal. Edaf. Tomo V, Vol. 1, pp. 151-200, May, 1946

The Penicillium, molds men meet every day.
Author: Charles Thom
Summary: None
Source: Anal. Edaf. Tomo VI, Vol. II, pp. 433-448, May-Aug., 1947

CLAY MINERAL RESEARCH

Hydration of silicates of laminated structure with exchange of cations (Dehydration curves of kaolin and bentonite from Spanish Morocco)
Authors: J. L. Vivladi Martin and Rios E. Gutierrez
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 3, pp. 289-366, May-June, 1949

Characteristics and properties of bentonite from Almeria
Authors: J. L. Vivladi Martin and F. Garcia Gonzalez
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 5, pp. 567-582, Sept.-Oct., 1949

Mineralogical analysis of sandy sediments from rivers of the metamorphic zone about Montejo de la Sierra
Authors: M. Taboadela Munoz and J. Mateos Perez
Summary: English
Source: Anal. Edaf. Tomo IX, No. 1, pp. 15-28, Jan.-Feb., 1950

A contribution to the study of the properties of the silicates in the montmorillonite group
Author: F. Garcia Gonzalez
Summary: English
Source: Anal. Edaf. Tomo IX, No. 2, pp. 149-186, March-April, 1950

Variations in the physical-chemical properties of the clay with size of grain. II.
Authors: J. Vicente Garcia, V. Aleixandre and J. M. Albareda
Summary: English
Source: Anal. Edaf. Tomo IX, No. 3, pp. 279-338, May-June, 1950

Investigation of clays by means of x-ray, at Rothamsted Experimental Station, Harpenden, Herts, England
Authors: J. L. Amoros and D. M. C. MacEwan
Summary: English
Source: Anal. Edaf. Tomo IX, No. 4, pp. 363-380, July-August, 1950

The relationship of some properties of clays as determined by physical and chemical techniques
Authors: A. Verduch Garcia and V. Aleixandre
Summary: English
Source: Anal. Edaf. Tomo IX, No. 5, pp. 537-566, Sept.-Oct., 1950

The use of infra-red spectroscopy in recognizing minerals
Author: M.a C. Calvo Sanchez
Summary: None
Source: Anal. Edaf. Tomo IX, No. 6, pp. 639-664, Nov.-Dec., 1950

The adsorption of Sudan Red by activated bentonites
Authors: J. D. Gonzalez Lopez and A. de Castro Hoyos
Summary: English
Source: Anal. Edaf. Tomo IX, No. 6, pp. 623-638, Nov.-Dec., 1950

Chemical analysis and dehydration curves of white talc from Lucar
Authors: M. Ahumada and A. Hoyos
Summary: English
Source: Anal. Edaf. Tomo X, No. 2, pp. 117-124, March-April, 1951

Determination of Atterberg's limits with bentonite, kaolin and talc, and binary and ternary mixtures
Authors: Angeles Calvo and A. Hoyos
Summary: English
Source: Anal. Edaf. Tomo X, No. 2, pp. 135-142, March-April, 1951

The connection between some chemical and mineral properties of clay. II.
Authors: A. Verduch Garcia and V. Aleixandre Ferrandis
Summary: English
Source: Anal. Edaf. Tomo X, No. 3, pp. 207-246, May-June, 1951

The connection between some chemical and mineral properties of clay. III.
Authors: A. Verduch Garcia and V. Ferrandis Aleixandre
Summary: English
Source: Anal. Edaf. Tomo X, No. 4, pp. 327-400, July-August, 1951

Continuation of a study of the construction, chemical and colloid-chemical properties of a bentonite from Sierra Nijar (Almeria). II.
Authors: F. Garcia Gonzalez and J. L. Vivladi Martin
Summary: English
Source: Anal. Edaf. Tomo X, No. 6, pp. 561-584, Nov.-Dec., 1951

A study of the mineralogical composition of clays developed from silicic sedimentary rocks
Author: M. Munoz Taboadela
Summary: English
Source: Anal. Edaf. Tomo XI, No. 1, pp. 33-58, Jan.-Feb., 1952

Characteristics of a bentonite from Spanish Morocco
Author: M. Delgado
Summary: None
Source: Anal. Edaf. Tomo XI, No. 2, pp. 141-150, March-April, 1952

Description of the differential thermal analysis apparatus used at the Macaulay Institute for Soil Research, Aberdeen, Scotland
Author: R. C. Mackenzie
Summary: English
Source: Anal. Edaf. Tomo XI, No. 2, pp. 159-184, March-April, 1952

The study of the superficial alteration of an acid bentonite by thermal treatment. II. Imbibition
Authors: A. Hoyos and J. Rodriguez
Summary: None
Source: Anal. Edaf. Tomo XI, No. 2, pp. 125-140, March-April, 1952

Action of strong acids on silicates of the montmorillonite group. I. Characteristics, construction and modifications in the chemical composition
Authors: E. Rios Gutierrez and J. D. Gonzalez Lopez
Summary: English
Source: Anal. Edaf. Tomo XI, No. 3, pp. 225-254, May-June, 1952

On the minerals found in clay
Author: C. W. Correns
Summary: None
Source: Anal. Edaf. Tomo XI, No. 3, pp. 283-296, May-June, 1952

The beginning and characteristics of the material known as "launa"
Authors: A. Hoyos, M. Delgado
Summary: English
Source: Anal. Edaf. Tomo XI, No. 5, pp. 509-526, Sept.-Oct., 1952

Action of strong acids on silicates of the montmorillonite group. II. Superficial modifications of physiochemical properties of Spanish bentonites
Authors: Rios Gutierrez and J. D. Gonzalez Lopez
Summary: English
Source: Anal. Edaf. Tomo XI, No. 5, pp. 527-538, Sept.-Oct., 1952

Action of strong acids on silicates of the montmorillonite group. III. Acid sometimes discolors minerals in lubricating oils
Authors: Rios Gutierrez and J. D. Gonzalez Lopez
Summary: English
Source: Anal. Edaf. Tomo XI, No. 5, pp. 539-552, Sept.-Oct., 1952

Cobalt in Spanish soils
Authors: F. Burriel and R. Gallego
Summary: English
Source: Anal. Edaf. Tomo XI, No. 6, pp. 569-600, Nov.-Dec., 1952

The catalytic activity of a kaolin and a Spanish bentonite in the oxidation of ethyl-alcohol in vapor phase
Authors: Jose M.a Albareda, Vicente Aleixandre and Teofilo Fernandez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 2, pp. 89-140, February, 1953

The influence of an acid treatment on the alcohol oxidizing activity of kaolin and bentonite and the effect produced in bentonite on cation exchange
Authors: Jose M.a Albareda, Vicente Aleixandre and Teofilo Fernandez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 4, pp. 281-308, April, 1953

Modification in the superficial properties of clay material by treatment with potassium
Authors: Angel Hoyos and M.a Regina Ortega
Summary: English
Source: Anal. Edaf. Tomo XII, No. 4, pp. 309-324, April, 1953

Determination of chemical and mineralogical composition by differential thermal analysis of some limestones and dolomites in Valencia
Authors: J. I. Fernandez Alonso and F. Costell Landete
Summary: English
Source: Anal. Edaf. Tomo XII, Nos. 9-10, pp. 737-744, Sept-Oct. 1953

Thermal differential analysis of several clay materials with humidity corresponding to plastic state
Author: A. G. Verduch
Summary: English
Source: Anal. Edaf. Tomo XII, Nos. 9-10, pp. 745-754, Sept.-Oct., 1953

Clay Mineral Research

Microscopic determinations of detrimental minerals and some methods of study
Author: Josefina Perez Mateos
Summary: German
Source: Anal. Edaf. Tomo XII, Nos. 9-10, pp. 755-766, Sept.-Oct., 1953

Chemical, physicochemical and X-ray diffractions methods about reversible dehydration of montmorillonite
Authors: F. Gonzalez Garcia and S. Gonzalez Garcia
Summary: English
Source: Anal. Edaf. Tomo XII, No. 12, pp. 925-992, December, 1953

The influence of thermal treatment on X-ray diffraction diagrams of samples of montmorillonites saturated with various cations
Authors: F. Gonzalez Garcia and S. Gonzalez Garcia
Summary: English
Source: Anal. Edaf. Tomo XII, No. 12, pp. 993-1032, December, 1953

Atterberg's limits are studied in materials of bentonite type in the function of saturating cations in homoionic samples
Authors: Angel Hoyos de Castro and Mercedes Garcia Munoz
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 1, pp. 1-8, January, 1954

A study of mineralogical identification and technical properties of a group of moulding sands
Authors: Antonio Garcia Verduch and Manuel Munoz Taboadela
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 1, pp. 9-34, January, 1954

Characteristics and properties of vermiculite from Badajoz
Authors: F. Gonzalez, Fca. Tristan de Chaves and M. Chaves
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 2, pp. 75-84, February, 1954

A study of some minerals in sedimentary rocks
Authors: Jose Garcia Vicente and M.a del Carmen Sanchez Calvo
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 2, pp. 85-102, February, 1954

The minerals in the clay: Identification and relationship with the science of the soil
Author: Robert C. Mackenzie
Summary: None
Source: Anal. Edaf. Tomo XIII, No. 2, pp. 111-140, February, 1954

A study of the technical behavior of the mineralogical nature of the agglomerating fraction of Spanish moulding sands
Authors: Vicente Aleixandre Ferrandis, Jaime Robredo Olave and Julia M. Gonzalez Pena
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 3, pp. 151-174, March, 1954

Clay Mineral Research

The influence of thermic treatment on the surface alteration of homo-ionic samples of bentonite. I. Change capacity and rehydration
Authors: Angel Hoyos and Julio Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 4, pp. 225-266, April, 1954

The influence of thermic treatment on the surface alteration of homo-ionic samples of bentonite. II. Imbibition
Authors: Angel Hoyos and Julio Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 4, pp. 267-320, April, 1954

A mineralogical and technical study of some Spanish moulding sands. II. A study of the green compression strength
Authors: Vicente Aleixandre and Jaime Robredo
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 6, pp. 463-482, June, 1954

A contribution to the kinetic study of the transposition reactions between ortho-silicates and alkaline-earth oxides
Author: D. A. Estrada
Summary: English
Source: Anal. Edaf. Tomo XIII, Nos. 7-8, pp. 545-558, July-Aug., 1954

A study under electronic microscope of a group of Spanish clays and kaolinites
Authors: Vicente Aleixandre Ferrandis and Julia M.a Gonzalez Pena
Summary: English
Source: Anal. Edaf. Tomo XIII, Nos. 9-10, pp. 631-662, Sept.-Oct., 1954

Some notes on the additive properties in mixtures of kaolin and bentonite
Authors: Angel Hoyos de Castro and Julio Rodriguez Martinez
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 11, pp. 729-736, November, 1954

A study of some samples of Spanish moulding clays. III. A study of the green permeability of the sand
Authors: Vicente Aleixandre Ferrandis and Jaime Robredo Olave
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 1, pp. 1-29, January, 1955

A study of the agglomeration fraction of some samples of Spanish moulding sand by X-ray analysis
Authors: Jose Garcia Vicente and Jaime Robredo Olave
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 1, pp. 29-40, January, 1955

The study of a clay deposit in an advanced state of degradation
Authors: J. L. Martin Vivaldi and S. Gonzales Garcia
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 2, pp. 69-84, February, 1955

The mechanism of imbibition of water by montmorillonites
Authors: J. de D. Lopez Gonzales and J. Cano Ruiz
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 2, pp. 85-102, February, 1955

Clay Mineral Research

Variations in swelling and non-swelling of the surfaces of groups of silicates treated by the ethylene-glycol method
Authors: J. Cano-Ruiz and Juan de D. Lopez Gonzalez
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 3, pp. 125-136, March, 1955

Chemical studies of "braunlehm" in Spanish Guinea
Authors: J. M.a Albareda, V. Aleixandre and M.a del Carmen Sanchez-Calvo
Summary: German
Source: Anal. Edaf. Tomo XIV, No. 4, pp. 185-212, April, 1955

Some investigations on the chemical decomposition of silicates
Author: M.a del Carmen Sanchez-Calvo
Summary: German
Source: Anal. Edaf. Tomo XIV, No. 4, pp. 229-244, April, 1955

A study of the imbibition of water by the silicates of layer structure (montmorillonite, vermiculite, etc.)
Authors: J. Cano-Ruiz and J. de Dios Lopez Gonzales
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 5, pp. 249-268, May, 1955

The infra-red absorption spectra in clay minerals using the technique of pressed potassium bromide bricks
Authors: Antonio Hidalgo and J. M. Serratosa
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 5, pp. 269-294, May, 1955

Characteristics of the "braunlehm" clays in Spanish Guinea
Authors: Jose M.a Albareda, V. Aleixandre and M.a del Carmen Sanchez
Summary: German
Source: Anal. Edaf. Tomo XIV, No. 11, pp. 543-564, November, 1955

The action of water and air on some minerals in clay
Author: Juan J. Alonso Pascual
Summary: English
Source: Anal. Edaf. Tomo XV, No. 4, pp. 257-263, April, 1956

The transformation of minerals in the soil observed with the electronic microscope
Author: Juan J. Alonso Pascual
Summary: English
Source: Anal. Edaf. Tomo XV, No. 6, pp. 417-420, June, 1956

Infra-red absorption spectra of clay minerals under thermal treatment
Authors: Antonio Hidalgo, J. M. Serratosa and M. Jubrias
Summary: English
Source: Anal. Edaf. Tomo XV, Nos. 9-10, pp. 607-628, Sept-Oct, 1956

The synthesis of butadiene from ethyl alcohol. The influence of clay and MgO as a catalyst
Authors: Vicente Aleixandre and Teofilo Fernandez
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 2, pp. 139-166, February, 1957

Clay Mineral Research

Application of a method of measuring the absolute viscosity to the study of the deflocculating action by the suspension of clay minerals in water
Authors: L. Rodrigo, F. Costell and J. L. Fernandez Alonso
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 5, pp. 607-622, May, 1957

Origin of montmorillonite in Spanish Morocco. II.
Authors: E. Gutierrez Rios, J. L. Martin Vivaldi and C. del Pino Vazquez
Summary: English
Source: Anal. Edaf. Tomo XVI, Nos. 7-8, pp. 787-798, July-Aug., 1957

Mineralogical composition and origin of some types of calcareous Andalusion soils. I. Minerals in sand fractions
Authors: G. Paneque Guerrero and F. Gonzales Garcia
Summary: English
Source: Anal. Edaf. Tomo XVI, Nos. 9-10, pp. 907-958, Sept.-Oct., 1957

Effects of thermal treatment and the amounts of Al_2O_3 on the specific areas of silicate aluminum gel
Authors: Juan de Dios Lopez Gonzales and Andres Mata Arjona
Summary: French
Source: Anal. Edaf. Tomo XVII, No. 1, pp. 93-122, January, 1958

A study of comparative minerals in the clay fraction of some descriptive Spanish sediments
Author: Josefina Perez Mateos
Summary: None
Source: Anal. Edaf. Tomo XVII, No. 1, pp. 27-56, January, 1958

A study of the minerals in clay
Authors: A. Hoyos and M. Delgado
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 2, pp. 163-172, February, 1958

Microscopic and x-ray studies of a small section of soil taken from a cut 19 kilometers from the highroad to Boma-Tsheia (Belgium Congo)
Authors: Guy Vigneron and Rene Vanderstappen
Summary: French
Source: Anal. Edaf. Tomo XVII, No. 2, pp. 209-216, February, 1958

Modification in the absorbent properties of clay minerals by means of thermal treatment and cation exchange
Authors: Vicente Aleixandre, Jose Garcia Vicente and M. Covadonga Rodriguez-Pascual
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 2, pp. 133-162, February, 1958

The influence exchange cations and temperature have in the dehydration speed of montmorillonite
Authors: Vicente Aleixandre and M. Covadonga Rodriguez-Pascual
Summary: English and French
Source: Anal. Edaf. Tomo XVII, No. 3, pp. 257-288, March, 1958

To obtain butadiene from ethyl alcohol. The efficacity of catalyzers prepared with Spanish clays in a natural state and activated by exchange cations
Authors: Vicente Aleixandre and Teofilo Fernandez
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 3, pp. 305-322, March, 1958

Properties and genetic study of sedimentary clays from Spanish Guinea
Authors: Angel Hoyos and Julio Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 4, pp. 323-340, April, 1958

A contribution to the geochemistry of molybdenum. I. Introduction and study of samples taken in the Valley of the Manzanares
Authors: R. Gallego and T. Jolin
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 4, pp. 341-360, April, 1958

A contribution to the geochemistry of molybdenum. II. A study of samples from the central zone of the Iberic Peninsula
Authors: R. Gallego and T. Jolin
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 4, pp. 361-386, April, 1958

A contribution to the geochemistry of molibdenum. III. A study of samples from the northern region of Spain
Authors: R. Gallego and T. Jolin
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 5, pp. 439-456, May, 1958

"Braunlehm" and the tendencies of its alteration in the Western Canary Islands
Author: M. del Carmen Sanchez-Calvo
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 5, pp. 407-438, May, 1958

The determination of boron in soils and plants. I. A colorimetric method of analysis
Authors: F. Burriel Marti, S. Jimenez Gomes and M.a Rodriguez de la Pena
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 6, pp. 565-586, June, 1958

The constitution and properties of sedimentary clays of Lebrija
Authors: F. Gonzales Garcia and A. Peiro Callizo
Summary: English
Source: Anal. Edaf. Tomo XVII, Nos. 7-8, pp. 603-668, July-Aug., 1958

Activation of Lebrija sedimentary clays
Authors: F. Gonzalez Garcia and A. Peiro Callizo
Summary: English
Source: Anal. Edaf. Tomo XVII, Nos. 9-10, pp. 679-712, Sept-Oct. 1958

Relations between the composition of soils and their molybdenum contents
Authors: R. Gallego and T. Jolin
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 11, pp. 785-804, November, 1958

Synthesis of butadiene from ethyl alcohol. III. Catalytic influence of the different minerals in clays
Authors: V. Aleixandre and T. Fernandez
Summary: French
Source: Anal. Edaf. Tomo XVII, No. 11, pp. 805-832, November, 1958

The decolorizing properties of sedimentary clays from Lebrija
Authors: A. Peiro Callizo and F. Gonzalez Garcia
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 12, pp. 895-972, December, 1958

Preparation of hydrogen-kaolinite with amberlite IR-120
Authors: F. Guitian Ojea and M. Munoz Taboadela
Summary: English and German
Source: Anal. Edaf. Tomo XVIII, No. 1, pp. 49-59, January, 1959

A mineral of the calcite-dolomite series found in the rivers of Valencia
Authors: J. J. Alonso Pascual and J. Garcia Vicente
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 1, pp. 73-79, January, 1959

A study with the electronic microscope of one level of rocks at the base of the Trias
Authors: J. J. Alonso and C. Virgili
Summary: French
Source: Anal. Edaf. Tomo XVIII, No. 1, pp. 1-11, January, 1959

Mineral composition and formation of some soils in Spanish Guinea
Authors: Angel Hoyos de Castro and Luis J. Alias Perez
Summary: None
Source: Anal. Edaf. Tomo XVIII, No. 2, pp. 137160, February, 1959

A comparative study of manganese contents in rocks, sand and clay
Authors: R. Gallego and C. Bueno
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 6, pp. 463-472, June, 1959

Optical differentiation of feldspar in sediments
Author: Maria del Pilar Arevalo Carretero
Summary: English
Source: Anal. Edaf. Tomo XVIII, Nos. 7-8, pp. 541-546, July-Aug., 1959

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X-ray analysis of some Spanish clays.
Author: Angel Hoyos
Summary: German
Source: Anal. Edaf. Tomo 1, Ano 1, pp. 121-256, November, 1942

Chemical composition and conditions of formation of Spanish clays.
Author: Lorenzo Vilas
Summary: German
Source: Anal. Edaf. Tomo 1, Ano 1, pp. 7-120

Clay Mineral Research

The critical concentration of calcium carbonate in some Spanish clays.
Author: Angel Hoyos de Castro
Summary: English
Source: Anal. Edaf. Tomo II, Ano II, pp. 108-117, May, 1943

Absorption and exchange bases in relationship with the chemical composition and conditions of formation of the Spanish clays.
Author: Enrique Gutierrez Rios
Summary: German
Source: Anal. Edaf. Tomo II, Vol. II, pp. 203-261, November, 1943

Spectrochemical study of some Spanish soils.
Authors: Miguel Dean Guelbenzu, Angel Santos Ruiz and Jose Maria Lopez Azcona
Summary: German
Source: Anal. Edaf. Tomo III, Vol. II, pp. 301-322, November, 1944

Dehydration and exchange capacity of clays in relation to their crystalline structure and conditions of their formation.
Author: Enrique Gutierrez Rios
Summary: German
Source: Anal. Edaf. Tomo IV, Vol. I, pp. 132-146, May, 1945

Notes on some materials used for earthenware and bricks.
Authors: A. Hoyos de Castro and J. M. Ahumada Buesa
Summary: French and English
Source: Anal. Edaf. Tomo VI, Vol. I, pp. 101-106, Jan.-April, 1947

The identification and properties of a Spanish kaolin.
Authors: A. Hoyos de Castro and F. Gonzalez Garcia
Summary: French and English
Source: Anal. Edaf. Tomo VI, Vol. I, pp. 79-101, Jan.-April, 1947

Notes on some determinacions of Fe in silicates and rocks.
Authors: F. Pino and J. Acosta Rodriguez
Summary: French and English
Source: Anal. Edaf. Tomo VI, Vol. I, pp. 107-116, Jan.-April, 1947

Deposits of bentonite in Spanish Morocco.
Authors: Enrique Gutierrez Rios and Lorenzo Hernando
Summary: French and English
Source: Anal. Edaf. Tomo VI, Vol. I, pp. 53-78, Jan.-April, 1947

A variation of the molecular rate of silicate aluminum in Spanish clays has been found to be caused by temperature and rainfall.
Author: Manuel Carlos Alvarez Querol
Summary: English and German
Source: Anal. Edaf. Tomo VI, Vol. II, pp. 233-308, May-August, 1947

A contribution to the study of the silicate soils of Spain.
Author: Angel Hoyos de Castro
Summary: English
Source: Anal. Edaf. Tomo VI, Vol. II, pp. 309-324, May-August, 1947

Clay Mineral Research

On the additivity in dehydration of mixtures of minerals (Spanish natural silicates, limonite and aluminum hydroxide) in clay.
Authors: Jose M.a Albareda Herrera and Vicente Aleixandre Ferrandis
Summary: French and English
Source: Anal. Edaf. Tomo VI, Vol. III, pp. 603-632, Sept.-Dec., 1947

Characterization of some Spanish clays through base exchange and dehydration curves.
Author: Vicente Aleixandre Ferrandis
Summary: French
Source: Anal. Edaf. Tomo VI, Vol. III, pp. 455-474, Sept.-Dec., 1947

A study of several technics to produce methodical arrangements of clay particles.
Authors: Jose M.a Albareda Herrera and Cruz Rodriguez Munoz
Summary: English
Source: Anal. Edaf. Tomo VI, Vol. III, pp. 475-542, Sept.-Dec., 1947

The deposits of lignite in the Province of Granada.
Author: Juan Ramirez Munoz
Summary: None
Source: Anal. Edaf. Tomo VII, No. 2, pp. 403-414, May-August, 1948

The variation in physical-chemical properties of clay with grain size.
Authors: V. Alexandre Ferrandis and J. Garcia Vicente
Summary: English
Source: Anal. Edaf. Tomo VII, Vol. III, pp. 529-604, Sept.-Dec., 1948

On the montmorillonite-beidellite series.
Authors: E. Gutierrez Rios and F. Gonzalez Garcia
Summary: English and French
Source: Anal. Edaf. Tomo VII, Vol. III, pp. 623-632, Sept.-Dec., 1948

Deposits of bentonite in Spanish Morocco
Authors: E. Gutierrez Rios and L. Hernando
Summary: English and French
Source: Anal. Edaf. Tomo VII, Vol. III, pp. 623-632, Sept.-Dec., 1948

Differential thermal analysis of some Spanish clays and kaolins.
Author: Vicente Aleixandre Ferrandis
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 1, pp. 33-58, Jan.-Feb., 1949

On the uses of the electronic microscope.
Author: Prof. Dr. A. Frey-Wyssling
Summary: None
Source: Anal. Edaf. Tomo VIII, No. 2, pp. 69-74, Jan.-Feb., 1949

MINERALOGY

On the volume of iron in some minerals and alloys.
Authors: F. Conde Lucena and F. Marti Burriel
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 2, pp. 237-242, March-April, 1949

Chemical-geological transformation from manganese to bentonite deposits in Spanish Morocco. (The development of iron and manganese in the transformation products of primary material of the bentonite deposits.)
Authors: J. L. Garcia-Chicano and A. De Castro Hoyos
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 5, pp. 559-566, Sept.-Oct., 1949

A contribution to the studies of slates of Spanish Siluria. A physico-chemical and mineralogical study of Spanish Silurian slates.)
Authors: M.a Del C. Calvo Sanchez, M.a V. Aleixandre and M.a J. Albareda
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 6, pp. 673-702, Nov.-Dec., 1949

The beginning of kaolin deposits in Caratauna (Granada).
Authors: M. Delgado and A. Hoyos
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 6, pp. 703-786, Nov.-Dec., 1949

On the spectrochemical analysis of siluric rocks.
Authors: A. Rodriguez and F. Burriel
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 6, pp. 787-790, Nov.-Dec., 1949

The beginning of bentonite in Spanish Morocco. (The chemical transformation process from rock to bentonite.)
Author: E. Rios Gutierrez
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 5, pp. 537-558, Nov.-Dec., 1949

Some techniques used in geological investigations.
Author: E. Vieitez
Summary: None
Source: Anal. Edaf. Tomo IX, No. 1, pp. 83-94, January-February, 1950

A contribution to the study of bentonite from Spanish Morocco.
Authors: F. Garcia Gonzalez and E. Rios Gutierrez
Summary: English
Source: Anal. Edaf. Tomo IX, No. 1, pp. 1-14, January-February, 1950

A contribution to the studies of the methods of obtaining an analysis of the properties of "permutites".
Author: F. Martinez Bermejo
Summary: English
Source: Anal. Edaf. Tomo IX, No. 1, pp. 29-82, January-February, 1950

The genetic origin of talc from Lucar (Almeria).
Authors: M. Ahumada and A. Hoyos
Summary: English
Source: Anal. Edaf. Tomo X, No. 2, pp. 125-134, March-April, 1951

Mineralogy

A study of the mineral composition of several Spanish talcs.
Author: J. Vicente Garcia
Summary: English
Source: Anal. Edaf. Tomo X, No. 6, pp. 585-594, Nov.-Dec., 1951

A mineralogical study of sedimentary materials from the area near the Henares River.
Author: Josefina Perez Mateos
Summary: English
Source: Anal. Edaf. Tomo XI, No. 2, pp. 151-158, March-April, 1952

Serpentine deposits in Andalusia.
Author: Miguel Delgado Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 1, pp. 19-34, January, 1953

Serpentine deposits in Andalucia.
Author: Miguel Delgado Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 4, pp. 325-336, April, 1953

A contribution to the study of sepiolites. I. Character and properties of Spanish sepiolites.
Authors: J. L. Martin Vivaldi and J. Cano Ruiz
Summary: English
Source: Anal. Edaf. Tomo XII, No. 11, 827-856, November, 1953

A new variety of antigorite in the serpentines from the Barranco de San Juan (Sierra Nevada, Granada).
Author: M. Delgado Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XV, No. 3, pp. 188-230, March, 1956

The sandy eastern coast of Spain. I. The coast of Valencia. A mineralogical study of some materials.
Authors: Josefina Perez Mateos and Juan J. Alonso Pascual
Summary: French and English
Source: Anal. Edaf. Tomo XVI, No. 4, pp. 467-490, April, 1957

ORGANIC MATTER

A fresh account of the life of the Tardigrades
Author: F. Mihelcic
Summary: German
Source: Anal. Edaf. Tomo VIII, No. 4, pp. 511-525, July-Aug., 1949

Volumetric determination of nitrogen in soils
Authors: M. Gomez Peris, M. C. Alvarez-Querol and F. de A. Bosch
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 4, pp. 503-510, July-Aug., 1949

A contribution to the studies of the dependency of oil in organic matter on climate and soil. I. Oil of the Camellia Japonica L. (A physiographic and climatic study of Galacian soils where the Camellia japonica is studied.)
Authors: M.a G. Vieitez and R. Dios
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 6, pp. 791-810, Nov.-Dec., 1949

Volumetric determination of organic material in cultivated soils
Authors: R. Fabregas, A. Guerra and F. Burriel
Summary: English
Source: Anal. Edaf. Tomo IX, No. 3, pp. 339-348, May-June, 1950

How the zoology of the soil is an auxiliary to the study of Soil Science
Author: H. Franz
Summary: None
Source: Anal. Edaf. Tomo X, No. 4, pp. 401-442, July-August, 1951

A study on the organic fertility of Spanish soils in which tobacco is cultivated. I. The distribution of inorganic phosphorus in soils of the silico-humic type in provinces of Caceres and Avila
Authors: J. A. Galbis and M.a J. Sequeiros
Summary: Spanish
Source: Anal. Edaf. Tomo X, No. 6, pp. 507-524, Sept.-Oct., 1951

A contribution to the knowledge of the Tardigrades with special consideration to the Tardigrade species Osttirol. I.
Author: Franc Mihelcic
Summary: German
Source: Anal. Edaf. Tomo XII, No. 3, pp. 243-274, March, 1953

A contribution to the knowledge of the Tardigrades with special consideration to the Tardigrade species Osttirol. II.
Author: Franc Mihelcic
Summary: German
Source: Anal. Edaf. Tomo XII, No. 5, pp. 431-482, May, 1953

The importance of the animals in the soil to Soil Science
Author: Franc Mihelcic
Summary: None
Source: Anal. Edaf. Tomo XII, Nos. 9-10, pp. 797-806, Sept-Oct. 1953

Nematodes in humic soil. A contribution to the knowledge of microscopic animals in humic soil
Author: Franc Mihelcic
Summary: German
Source: Anal. Edaf. Tomo XII, No. 11, pp. 879-906, November, 1953

Organic Matter

Influence of vegetation on the composition of humus. Soils under Quercus ilex and under Pinus pinea. El Pardo (Madrid)
Authors: Jose M.a Albareda, Narcisa Martin Retortillo and Mariano Claver
Summary: German
Source: Anal. Edaf. Tomo XIII, No. 12, pp. 859-864, December, 1954

The efficacy of the activity of the animals of the soil from the philological point of view
Author: W. L. Kubiena
Summary: German
Source: Anal. Edaf. Tomo XIV, No. 11, pp. 601-622, November, 1955

A contribution to the knowledge of the Tardegrades in humic soil
Author: Franc Mihelcic
Summary: German
Source: Anal. Edaf. Tomo XVI, No. 5, pp. 651-672, May, 1957

A study about the influence of different organic materials on the nitrogen level and pH of alkaline soils
Authors: S. P. Mitra and Hari Shanker
Summary: English
Source: Anal. Edaf. Tomo XVI, Nos. 9-10, pp. 971-982, Sept-Oct., 1957

The problem of two forms of the Tardigrades
Author: Franc Mihelcic
Summary: German
Source: Anal. Edaf. Tomo XVI, No. 12, pp. 1197-1200, December, 1957

Hydrolysis of melibiase from yeast thru the complementary action of genes
Author: Manuel Losada
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 1, pp. 123-128, January, 1958

The geology of the Tardigrades
Author: Franc Mihelcic
Summary: German
Source: Anal. Edaf. Tomo XVII, No. 4, pp. 397-405, April, 1958

On the communities of animals in the soils of Central Spain
Author: Franc Mihelcic
Summary: German
Source: Anal. Edaf. Tomo XVII, Nos. 9-10, pp. 765-783, Sept-Oct. 1958

Experiments on manuring in the plains of Granada. I. Effect of the addition of peat and straw on the soil
Authors: Luis Recalde, Eduardo Esteban, Enrique Montoya and Ricardo Garcia-Ruiz
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 1, pp. 33-49, January, 1959

The formation of humus and its influence on the growth of plants
Author: W. Flaig
Summary: None
Source: Anal. Edaf. Tomo XVIII, Nos. 7-8, pp. 505-540, July-Aug. 1959

Organic Matter * * * * * * * * * * * *

A study of some organic materials in Spanish soils.
Author: Tomas Albinana Llorente
Summary: German
Source: Anal. Edaf. Tomo II, Ano II, pp. 3-107, May, 1943

The forms of humus and its relation to the fertility of the soil.
Author: Fritz Scheffer
Summary: None
Source: Anal. Edaf. Tomo III, Vol. 1, pp. 161-199, May, 1944

Control of the microbe population in the soil.
Author: Charles Thom
Summary: None
Source: Anal. Edaf. Tomo VI, Vol. 1, pp. 193-200, Jan.-April, 1947

A contribution to the study of the Spanish peats.
Author: Narcisa Martin Retortillo
Summary: French and German
Source: Anal. Edaf. Tomo VII, Vol. 1, pp. 3-82, Jan.-April, 1948

Analytical determinations of the peat at El Padul (Granada)
Authors: A. Hoyos de Castro and F. Gonzalez Garcia
Summary: French and English
Source: Anal. Edaf. Tomo VIII, Vol. 1, pp. 83-123, Jan.-April, 1948

SOIL CHEMISTRY

The determination of pH of the soils
Author: J. Vicente Garcia
Summary: None
Source: Anal. Edaf. Tomo VIII, No. 5, pp. 583-612, Sept.-Oct., 1949

On the determination of magnesium in the soil
Authors: A. Guerra and F. Burriel
Summary: English
Source: Anal. Edaf. Tomo IX, No. 2, pp. 187-194, March-April, 1950

Cuproine as a reagent in order to determine by colorimetry the traces of copper in vegetables
Authors: E. Fernandez-Caldas, J. Hoste and J. Gillis
Summary: English
Source: Anal. Edaf. Tomo IX, No. 5, pp. 587-592, Sept.-Oct., 1950

Analysis by spectroscopic application
Author: J. Gillis
Summary: None
Source: Anal. Edaf. Tomo X, No. 1, pp. 67-78, January-February, 1951

The chemical decomposition of silicates in the laboratory and in soil
Author: C. W. Correns
Summary: None
Source: Anal. Edaf. Tomo X, No. 6, pp. 625-636, Nov.-Dec., 1951

The reaction of uranium with quinalizarine and conditions which allow a colorimetrical determination of uranium in soil analysis
Authors: J. Chabannes and F. Pino
Summary: English
Source: Anal. Edaf. Tomo X, No. 6, pp. 595-602, Nov.-Dec., 1951

The proposed use of a nomograph and slide rule with scales to make photometric calculations for quantitative spectrographic analysis
Author: J. Ramirez-Munoz
Summary: English
Source: Anal. Edaf. Tomo XI, No. 3, pp. 267-282, May-June, 1952

A study of the physiochemical properties of clays from Eastern Spain (Valencia and Castellon)
Authors: J. I. Alonso Fernandez and F. Landete Costell
Summary: English
Source: Anal. Edaf. Tomo XI, No. 4, pp. 373-389, July-August, 1952

Iron-induced deficiencies of soil for fruit trees
Author: A. Abadia
Summary: English
Source: Anal. Edaf. Tomo XI, No. 6, pp. 641-650, Nov.-Dec., 1952

Reaction of exchangeable ions of acid clay minerals when dissolved in anhydrous ether methoxyl compounds
Authors: J. L. Vivaldi Martin and S. B. Hendricks
Summary: English
Source: Anal. Edaf. Tomo XI, No. 6, pp. 601-630, Nov.-Dec., 1952

Soil Chemistry

A comparative study of the behavior of some substances used as "diluting substances" in spectral determinations of Ni, Co, Zn and Mo from soils and plants
Authors: F. Burriel-Marti and S. Jimenez-Gomez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 1, pp. 43-54, January, 1953

A contribution to the study of some "trace elements" in various Spanish clay materials
Authors: M. Munoz Taboadela and J. Ramirez Munoz
Summary: English
Source: Anal. Edaf. Tomo XII, No. 3, pp. 231-242, March, 1953

Diffusion in solid state and study by means of radioisotopes. Application of methods to the cynetic study of barium metatitanate.
Author: A. G. Verduch
Summary: English
Source: Anal. Edaf. Tomo XII, No. 5, pp. 387-430, May, 1953

A rapid colorimetrical determination of phosphorus in series
Authors: Fernando Burriel and Valentin Hernando
Summary: English
Source: Anal. Edaf. Tomo XII, No. 5, pp. 381-386, May, 1953

Variations in the field capacity and the imbibition of kaolin under thermal treatment
Authors: Angel Hoyos and Julio Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 6, pp. 495-506, June, 1953

A study of some applications of P-32 on agricultural problems
Authors: H. Behrens and E. Fernandez-Caldas
Summary: English
Source: Anal. Edaf. Tomo XII, Nos. 7-8, pp. 675-694, July-August, 1953

Diagnosis of mineral nutrition of crops
Authors: M. I. Candela and W. A. Forster
Summary: English and German
Source: Anal. Edaf. Tomo XIII, No. 1, pp. 59-70, January, 1954

Determination of ion oxalate by indirect colorimetry and application to determination of small amounts of calcium
Authors: F. Burriel-Marti, J. Ramirez-Munoz and E. Fernandez-Caldas
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 1, pp. 35-50, January, 1954

The quantitative determination of amino acids by direct photometry
Author: R. Diaz Cadavieco
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 3, pp. 187-220, March, 1954

On the spectrographic analysis for simultaneous determination of cation exchange in soils
Authors: F. Burriel Marti, S. Jimenez Gomez and C. Alvarez Herrero
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 5, pp. 327-338, May, 1954

Soil Chemistry

A study of the forms of phosphorus present in a soil series
Authors: V. Hernando and M. Losada
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 6, pp. 423-450, June, 1954

Determination of gypsum in soils
Authors: J. M. Albareda, V. Hernando and G. Bilbao
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 6, pp. 451-462, June, 1954

On the determination of phosphorus in amidol by photospectroscopic means
Authors: F. Capitan Garcia and F. Martinez Alvarez
Summary: German
Source: Anal. Edaf. Tomo XIII, No. 11, pp. 767-790, November, 1954

Spectroanalysis to study the boron in arable soils
Author: A. Rodriguez Perez
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 12, pp. 893-902, December, 1954

Revision of the methods of colorimetric determination of sulfur, in different forms, in minerals, soils and plants. I. Determination by SH_2y S=.
Authors: F. Burriel Marti and S. Jimenez Gomez
Summary: French
Source: Anal. Edaf. Tomo XIV, No. 2, pp. 103-114, February, 1955

Experiences in fertilizing soils in Galacia. II. Field experiments with varieties of hybrid corn
Authors: Benito Sanchez, Ramon Dios and Maria Ameijeiras
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 3, pp. 137-160, March, 1955

A method for the quantitative simultaneous determination of exchange cations in soils by spectrochemical means
Authors: F. Burriel Marti, S. Jimenez Gomez and C. Alvarez Herrero
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 4, pp. 213-228, April, 1955

Experiences in fertilizing limey-clay soils in the Province of Seville. Cultivation of wehat
Authors: M. Chaves Sanchez and F. Gonzales Garcia
Summary: German
Source: Anal. Edaf. Tomo XIV, No. 5, pp. 295-310, May, 1955

A note on the proper spectrophotometric determination of phosphorus with the amidol method
Authors: F. Capitan Garcia, R. Garcia Ruiz and F. Martinez Alvarez
Summary: English
Source: Anal. Edaf. Tomo XV, No. 1, pp. 57-62

The interferential refractometer and its application for the determination of the point of equivalence in volumetrics
Authors: F. Burriel Marti and M. Claver Aliod
Summary: English
Source: Anal. Edaf. Tomo XV, No. 6, pp. 421-438, June, 1956

Soil Chemistry

On the equilibrium of the exchange between hydrogen ions and alkali cations with resins
Authors: Enrique Gutierrez Rios and Carmen del Pino Vasquez
Summary: German
Source: Anal. Edaf. Tomo XV, No. 11, pp. 725-780, November, 1956

Influence of the cation exchange on the osmotic process and conductivity of bentonites in suspension
Authors: Angel Hoyos de Castro and Jesus Thomas
Summary: English
Source: Anal. Edaf. Tomo XV, No. 12, pp. 789-864, December, 1956

Localization of photosynthesis in isolated cells
Author: Daniel I. Arnon
Summary: None
Source: Anal. Edaf. Tomo XV, No. 12, pp. 983-1016, December, 1956

A new reagent for the colorimetric determination of phosphorus in soils. I. Application to the analysis of soils.
Authors: F. Lucena Conde and L. Prat
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 1, pp. 19-28, January, 1957

A new reagent for the colorimetric determination of phosphorus in soils. I. General properties
Authors: F. Lucena Conde and L. Prat
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 1, pp. 1-18, January, 1957

Analytical applications of photometry to the llama. I. A study of the effects of interference of solutions in order to find a suitable method to correct experimental values of Na, K and Ca in soil extracts containing ammonium acetate
Authors: F. Burriel-Marti, J. Ramirez-Munoz and Adelaida Benito-Potous
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 2, pp. 167-202, February, 1957

Construction and function of a simple model of a flame photometer
Author: Jose Cardus Aguilar
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 5, pp. 623-636, May, 1957

The influence of thermal treatment and cation exchange on the absorbent properties of clay minerals
Authors: Vicente Aleixandre and M.a Covadonga Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XVI, Nos. 7-8, pp. 799-856, July-Aug., 1957

On the determination of assimilable phosphorus and potassium in the meadow soils of Granada. I. Acetic acid and ammonia as an extracting agent in determining available phosphorus in calcareous soils
Authors: F. Capitan-Garcia and R. Garcia-Ruiz
Summary: English
Source: Anal. Edaf. Tomo XVI, Nos. 9-10, pp. 959-970, Sept.-Oct., 1957

Soil Chemistry

On the purification of some substances used in the preparation of standards for spectrochemical uses
Authors: Fernando Burriel Marti and Carmen Alvarez Herrero
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 1, pp. 1-26, January, 1958

On the determination of molybdenum in soil and rock
Authors: R. Gallego and T. Jolin
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 3, pp. 289-304, March, 1958

Ca/K interaction in the absorption of these elements by the wheat plant. II. Ca/K ratios used and study of the results obtained
Authors: J. M. Albareda, V. Hernando and M. Hernando
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 6, pp. 503-564, June, 1958

Comparative study of different levels of potassium and nitrogen fertilizers in sugarbeet and maize cultures
Authors: J. M. Albareda, V. Hernando and M. Hernando
Summary: English and German
Source: Anal. Edaf. Tomo XVII, No. 6, pp. 503-564

Relation between the fertility factors of a soil and its exchange cations
Authors: Fernando Burriel Marti and Carmen Alvarez Herrero
Summary: English
Source: Anal. Edaf. Tomo XVII, Nos. 7-8, pp. 591-602, July-Aug., 1958

The influence of sodium in the development of wheat plants in solutions with low calcium and potassium content
Authors: V. Hernando and M.a del Pilar Sanchez Conde
Summary: English
Source: Anal. Edaf. Tomo XVII, Number 12, pp. 973-1006, December 1958

Ca/K interaction in the absorption of these elements by the wheat plant. III. Influence of the Ca/K ratios in the assimilation of the elements by the wheat plant
Authors: J. M.a Albareda, V. Hernando and M.a del Pilar Sanchez Conde
Summary: English
Source: Anal. Edaf. Tomo XVII, No. 12, pp. 893-934, December, 1958

Determination of cation exchange in soils by spectral way
Authors: Fernando Burriel Marti and Carmen Alvarez Herrero
Summary: None
Source: Anal. Edaf. Tomo XVIII, No. 1, pp. 11-33, January, 1959

A new reagent for colorimetric determination of phosphorus in oils. III. Utilization with different extracting solutions.
Authors: F. Lucena-Conde and A. Martinez de Pancorbo
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 1, pp. 67-73, January, 1959

Salts in alkaline soil profiles
Authors: S. P. Mitra and Ragnubir Singh
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 1, pp. 59-67, January, 1959

Soil Chemistry

Studies on iodine in soils
Authors: R. Gallego and S. Oliver
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 3, pp. 207-238, March, 1959

Relations between iodine content and the composition of soils
Authors: R. Gallego and S. Oliver
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 4, pp. 275-288, April, 1959

Botanical composition, general characteristics and proportion of Fe, Mn, Cu and Co in grass and meadow soils of the Province of Pontevedra in relation to the appearance of some diseases in cattle
Authors: Gaspar Gonzalez, Rafael Gallego, Erundino Alonso and Jose Campuzano
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 4, pp. 241-274, April, 1959

Radioactivity of soils and the determination of radium in K^{40}.
Author: Julio Rodriguez
Summary: None
Source: Anal. Edaf. Tomo XVIII, No. 5, pp. 390-406, May, 1959

Contents and distribution of manganese in soils of Central and Northern Spain
Authors: R. Gallego and C. Bueno
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 5, pp. 347-389, May, 1959

Copper and magnesium in soils and plants, determined by the biological method of Aspergillus niger
Authors: Augusto Garcia Sanchez and Ramon Dios Vidal
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 6, pp. 473-396, June, 1959

Studies on the distribution of iron in soils and its relation to other factors
Authors: R. Gallego and E. Laborda
Summary: English
Source: Anal. Edaf. Tomo XVIII, Nos. 7-8, pp. 547-581, July-Aug., 1959

Isotopical change of phosphorus in lime soils: Justification and calculation
Author: Pablo de Arambarri
Summary: English
Source: Anal. Edaf. Tomo XVIII, Nos. 9-10, pp. 597-612, Sept-Oct. 1959

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Incidental birefringence in the preparation of soils for micromorphology.
Authors: Cruz Rodriguez Munoz and Mariano Claver Aliod
Summary: German
Source: Anal. Edaf. Tomo IV, Vol. 1, pp. 197-209

Soil Chemistry

The use of the microscope in soil science.
Author: Dr. Ing. Gerhard C. Redlich
Summary: None
Source: Anal. Edaf. Tomo IV, Vol. II, pp. 331-353, November, 1945

A geological-pedological study of a saline soil from the Sebja Ougranat (Spanish Sahara).
Authors: M. Alia Medina and T. Alvira Alvira
Summary: French and English
Source: Anal. Edaf. Tomo VII, Vol. I, pp. 123-134, Jan.-April, 1948

The physical and chemical properties of some artificial silico-aluminates
Authors: V. Aleixandre Ferrandis and J. Garcia Vicente
Summary: French and English
Source: Anal. Edaf. Tomo VII, Vol. I, pp. 135-162, Jan.-April, 1948

Influence of pH on some properties in suspension in clay materials.
Authors: A. Hoyos de Castro and M. Pascual Talavera
Summary: None
Source: Anal. Edaf. Tomo VII, No. 2, pp. 274-313, May-August, 1948

Manganese total in relation to the black color of the "Andalusian Black Soils".
Authors: J. M. Albareda, F. Burriel and M. Munoz Taboadela
Summary: English
Source: Anal. Edaf. Tomo VII, Vol. III, pp. 439-488, Sept.-Dec.,1948

SOIL FERTILITY

The phosphorus in Spanish soils. IV. Studies of the most critical methods in order to determine the importance of available phosphorus
Authors: V. Hernando and F. Burriel
Summary: English
Source: Anal. Edaf. Tomo IX, No. 2, pp. 129-148, March-April, 1950

Influence of potassium fixation on the hydration of montmorillonite
Author: A. de Castro Hoyos
Summary: English
Source: Anal. Edaf. Tomo IX, No. 4, pp. 381-430, July-August, 1950

Studies on the fertility of the Spanish soils. Potassium and phosphorus requirements of a number of natural and cultivated soils
Authors: F. Galiano, A. Guerra and E. Burriel
Summary: English
Source: Anal. Edaf. Tomo IX, No. 5, pp. 567-582, Sept.-Oct., 1950

Phosphorus in Spanish soils. V. A new method to determine available phosphorus in soil.
Authors: V. Hernando and F. Burriel
Summary: English
Source: Anal. Edaf. Tomo IX, No. 6, pp. 611-622, Nov.-Dec., 1950

A study on the retaining and fixing capacity of potassium in the soil
Authors: F. Galiano and A. Guerra
Summary: English
Source: Anal. Edaf. Tomo X, No. 2, pp. 143-160, March-April, 1951

On the influence of a low phosphate content in the chemical composition of forage crops
Authors: A. Suarez and F. Marti Burriel
Summary: English
Source: Anal. Edaf. Tomo X, No. 3, pp. 247-286, May-June, 1951

Theory and application of techniques for the reactivation of solid substance
Author: J. A. Hedvall
Summary: None
Source: Anal. Edaf. Tomo XI, No. 1, pp. 59-106, Jan.-Feb., 1952

The renovation of the subsurface is an important factor in the fertility of equatorial soils
Author: Manuel Llano
Summary: None
Source: Anal. Edaf. Tomo XII, No. 1, pp. 35-43, January, 1953

Effects of increasing amounts of superphosphate used as sole fertilizer on content of P_2O_5 of spring oats cultivated for forage
Authors: Gaspar Gonzalez and Andres Suarez
Summary: English
Source: Anal. Edaf. Tomo XII, No. 2, pp. 173-182, February, 1953

Study on assimilable phosphorus in Spanish rice soils
Authors: Valentin Hernando and Luis Jimeno
Summary: English
Source: Anal. Edaf. Tomo XII, No. 3, pp. 197-214, March, 1953

Soil Fertility

Studies of behavior of phosphate ion in siliceous-humic soils in Caceres and Avila where tobacco is grown by irrigation
Authors: Jose M.a Sequeiros Bores and Juan Antonio Galbis Munoz
Summary: English
Source: Anal. Edaf. Tomo XII, No. 3, pp. 215-230, March, 1953

A correlation of the readily available phosphorus as measured by various methods with crop yields in the Central Ebro Valley
Author: Eusebio Carque
Summary: English
Source: Anal. Edaf. Tomo XII, No. 6, pp. 519-528, June, 1953

Experiments in fertilization of the soil with lime in the Province of Toledo. Cultivation of wheat in sand
Authors: Valentin Hernando and Luis Jimeno
Summary: English
Source: Anal. Edaf. Tomo XII, No. 6, pp. 507-518, June, 1953

Properties of thermodynamics in ion exchange
Authors: E. Gutierrez Rios and J. Cano Ruiz
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 11, pp. 791-842, November, 1954

Experiences with fertilizers in Galacian soils. I. Combined action of some organic and chemical fertilizers on the production and protein content of hybrid corn
Authors: Ramon Dios, Benito Sanchez and Maria Ameijeiras
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 12, pp. 865-892, December, 1954

Analytical application by means of a spectrophotometer of the method of treating soil with $Cr_2O_7K_2$ in a sulfuric acid solution. III. Determination of the amount of organic material in soil of the Granada plains
Authors: F. Capitan Garcia and M. Lachica Garrido
Summary: English
Source: Anal. Edaf. Tomo XIV, No. 11, pp. 565-578, November, 1955

The relationship of induced iron deficiency with the rooting of cuttings of a variety of quince
Authors: C. Rodriguez and A. Abadia
Summary: English
Source: Anal. Edaf. Tomo XV, No. 2, pp. 161-166, February, 1956

The distribution of mineral elements in the soil and their absorption by plants
Authors: Ramon Dios and Jose Portela
Summary: English
Source: Anal. Edaf. Tomo XV, No. 5, pp. 385-412, May, 1956

Application of the "Index of Basic Minerals" to deduce the fertility of the soil in the tropics
Author: Josefina Perez Mateos
Summary: German and French
Source: Anal. Edaf. Tomo XVI, No. 1, pp. 29-42, January, 1957

Soil Fertility

A contribution to the studies of the fertility of the soils of the Huerta de Murcia
Authors: O. Carpena, C. Abrisqueta, M. G. Guillen and J. A. Sanchez
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 1, pp. 43-58, January, 1957

The correction of iron deficiencies of lemon trees by treatment with different iron salts and compounds. II.
Authors: O. Carpena, J. A. Sanchez and M. G. Guillen
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 2, pp. 273-292, February, 1957

The correction of iron deficiencies of lemon trees by treatment with iron salts. I.
Authors: O. Carpena, M. G. Guillen and J. A. Sanchez
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 2, pp. 259-272, February, 1957

Fertilization of Dianthus caryophyllus in industrial cultivation
Author: Jose Cardus Aguilar
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 5, pp. 637-650, May, 1957

Determination and forms of phosphorus in the soils of the Province of Salamanca
Authors: A. Martinez de Pancorbo and F. Lucena Conde
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 2, pp. 81-97, February, 1959

Organic substances and calcium phosphates in fertility improvement
Author: N. R. Dhar
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 6, pp. 417-463, June, 1959

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The phosphorus in Spanish soils. I. Contribution to the method for determination of phosphorus colorimetrically.
Authors: Fernando Burriel Marti and Valentin Hernando Fernandez
Summary: German and English
Source: Anal. Edaf. Tomo VI, Vol. III, pp. 543-582, Sept.-Dec., 1947

The phosphorus in the soils. II. The problem of elimination of iron and other elements which interfere with the colorimetric valoration of phosphorus.
Authors: F. Burriel and V. Hernando
Summary: English and German
Source: Anal. Edaf. Tomo VII, Vol. I, pp. 163-186, Jan.-April, 1948

The preparation of nutritive solutions for use in the investigation of nutrition in vegetables.
Authors: Jose M.a R. de la Borbolla and
M.a de Los Angeles Camoyan de R. de la Borbolla
Summary: None
Source: Anal. Edaf. Tomo VII, No. 2, pp. 365-402, May-August, 1948

Phosphorus in Spanish soil. III. Extraction of total phosphorus from the soil.
Authors: F. Burriel and V. Hernando
Summary: None
Source: Anal. Edaf. Tomo VII, Vol. III, pp. 489-529, Sept-Dec., 1948

SOIL MECHANICS

The relationship between the mechanical analysis and conditions forming the Spanish soils.
Author; Angel Hoyos de Castro
Summary: None
Source: Anal. Edaf. Tomo IV, Vol. II, pp. 251-280, November, 1945

The mechanics of the soil, a new branch of Soil Science
Author: Jose Antonio Jiminez Salas
Summary: None
Source: Anal. Edaf. Tomo V, Vol. 1, pp. 123-150, May, 1946

A study of the comparative methods of mechanical analysis of the soil.
Author: Isidoro Asensio Amor
Summary: French and English
Source: Anal. Edaf. Tomo VI, Vol. 1, pp. 117-128, Jan.-April, 1947

The mechanics of the soil, a new branch of Soil Science.
Author: J. A. Jimenez Salas
Summary: None
Source: Anal. Edaf. Tomo VI, Vol. 1, pp. 167-192, Jan.-April, 1947

On the method for measuring the degree of aggregation of soils.
Author: M. Font-Altaba
Summary: English
Source: Anal. Edaf. Tomo VII, Vol. III, pp. 633-642, Sept.-Dec., 1948

The Second International Congress of the Mechanisc of the Soil
Author: Jose Antonio Jimenez Salas
Summary: None
Source: Anal. Edaf. Tomo VII, No. 3, pp. 653-658, Sept.-Dec., 1948

SOIL MORPHOLOGY

The formation and erosion processes of the soil in Granada.
Authors: M. Buesa Ahumada and A. Hoyos de Castro
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 2, pp. 157-236, March-April, 1949

A contribution to the studies of the brown land of Spain. A study of the formation processes of a series of soils formed under humid conditions, nearly all brown soils.
Authors: A. Guerra, T. Alvira and J. M. Albareda
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 4, pp. 421-502, July-August, 1949

Concluding the study of the actual number of levels in the soil profile.
Author: W. Kubiena
Summary: None
Source: Anal. Edaf. Tomo IX, No. 2, pp. 117-128, March-April, 1950

A contribution to the studies comparing the "black soils" of the Andalucians and Spanish Morocco.
Author: E. H. del Villar
Summary: French
Source: Anal. Edaf. Tomo IX, No. 3, pp. 251-278, May-June, 1950

The process of the formation of the clay in the Sierra Nevada.
Authors: M.a A. Ortega Medina and E. Rios Gutierrez
Summary: English
Source: Anal. Edaf. Tomo IX, No. 5, pp. 475-536, Sept.-Oct., 1950

The mapping of the soils in Portugal, especially in relation to utilization of the land levels.
Author: J. V. Botelho da Costa
Summary: None
Source: Anal. Edaf. Tomo X, No. 1, pp. 1-18, January-February, 1951

Succession of soils from the Sierra Nevada in relation to altitude from sea level.
Authors: A. Hoyos de Castro and Ortega Medina
Summary: English
Source: Anal. Edaf. Tomo X, No. 1, pp. 19-50, January-February, 1951

A study of soil profiles taken from the slopes of the Duero and Tajo Rivers.
Authors: A. Guerra and T. Alvira
Summary: English
Source: Anal. Edaf. Tomo X, No. 1, pp. 51-66, January-February, 1951

The mechanics of the soil and its meaning to soil scientists.
Author: J. A. Salas Jimenez
Summary: None
Source: Anal. Edaf. Tomo X, No. 2, pp. 175-190, March-April, 1951

The laterite action of red and yellow subsoils.
Author: P. Schaufelberger
Summary: German
Source: Anal. Edaf. Tomo X, No. 2, pp. 161-174, March-April, 1951

Soil Morphology

The importance of science and experience in the classification and mapping of soil - A critical examination of American systems.
Author: J. V. Botelho da Costa
Summary: None
Source: Anal. Edaf. Tomo X, No. 3, pp. 291-308, May-June, 1951

A contribution to the study of Spanish Silurian clays.
Authors: M.a C. Calvo Sanchez, M.a J. Albareda and V. Aleixandre
Summary: English
Source: Anal. Edaf. Tomo X, No. 5, pp. 461-506, Sept.-Oct., 1951

Civilization and the soil.
Author: W. T. H. Williamson
Summary: None
Source: Anal. Edaf. Tomo X, No. 5, pp. 537-550, Sept.-Oct., 1951

The earth and its abuses.
Author: A. Sousa Da Camara
Summary: None
Source: Anal. Edaf. Tomo X, No. 6, pp. 637-650, Nov.-Dec., 1951

A talk given on tropical soils. (Given at Lisbon to encourage world-wide scientific study of soil and elimination of soil erosion.)
Author: P. Schaufelberger
Summary: None
Source: Anal. Edaf. Tomo XI, No. 1, pp. 107-112, Jan.-Feb., 1952

Physical, chemical and mineralogical studies of soils from the coastal and interior zones of Rio Muni, Spanish Guinea, W. Africa.
Authors: M. Alia, Taboadela Munoz
Summary: English
Source: Anal. Edaf. Tomo XI, No. 1, pp. 1-32, January-February, 1952

The improvement of soil damaged by erosion.
Author: H. Franz
Summary: None
Source: Anal. Edaf. Tomo XI, No. 3, pp. 255-266, May-June, 1952

A contribution to the study of soil science of the plant species growing in humic soil.
Author: F. Mihelcic
Summary: None
Source: Anal. Edaf. Tomo XI, No. 4, pp. 407-449, July-August, 1952

On the soils of the plain of Turia and the Ebro delta.
Authors: F. Burriel and V. Aleixandre
Summary: English
Source: Anal. Edaf. Tomo XI, No. 4, pp. 349-372, July-August, 1952

A preliminary note on the studies of the "ranas" (immature plains in the region of Villuercas).
Author: E. Ramirez
Summary: English
Source: Anal. Edaf. Tomo XI, No. 4, pp. 390-406, July-August, 1952

Soil Morphology

A study of different soil profiles formed on Silurian rocks in the Spanish humid zone.
Authors: J. M. Albareda, V. Aleixandre, Calvo Sanchez, M.a del Carmen
Summary: English
Source: Anal. Edaf. Tomo XI, No. 5, pp. 455-508, Sept.-Oct., 1952

Field experiments and classification of soils at the Experimental Station at Rothamsted.
Author: W. Ogg
Summary: English
Source: Anal. Edaf. Tomo XI, No. 6, pp. 631-640, Nov.-Dec., 1952

A contribution to the studies of soil science from the plant species living in humic soil.
Author: F. Mielcic
Summary: German
Source: Anal. Edaf. Tomo XI, No. 6, pp. 651-680, Nov.-Dec., 1952

Further studies on the systematic classification of eastern Spanish clays.
Authors: J. I. Fernandez Alonso, F. Costell Landete and J. Lloret Vallterra
Summary: English
Source: Anal. Edaf. Tomo XII, No. 1, pp. 1-18, January, 1953

Thermal gravity and its application.
Author: Clement Duval
Summary: None
Source: Anal. Edaf. Tomo XII, No. 2, pp. 143-172, February, 1953

The general requirements and principles of agricultural soil surveys.
Author: W. L. Kubiena
Summary: English
Source: Anal. Edaf. Tomo XII, No. 6, pp. 529-550, June, 1953

A contribution of the forests in the scientific study of the soil.
Author: Antonio Nicolas Isasa
Summary: None
Source: Anal. Edaf. Tomo XII, Nos. 9-10, pp. 781-796, Sept.-Oct., 1953

The agricultural value of soil in the Alcala de Henares.
Authors: Antonio Guerra and Ramon Fabregas
Summary: English
Source: Anal. Edaf. Tomo XII, No. 11, 857-878, November, 1953

Chemistry and the rocks. In the future there will be no ferric metals for production techniques.
Author: J. Arvid Hedvall
Summary: None
Source: Anal. Edaf. Tomo XII, No. 11, pp. 907-916, November. 1953

Soil Morphology

About tropical soils.
Author: Paul Schaufelberger
Summary: None
Source: Anal. Edaf. Tomo XIII, No. 1, pp. 51-58, January, 1954

The geology of Valencia. I. Fossils of La Canada.
Authors: P. J. J. Alonso Pascual and B. Garcia Rodrigo
Summary: English
Source: Anal. Edaf. Tomo XIII, No. 3, pp. 175-186, March, 1954

The sands of the coast of Galicia.
Authors: Isidro Parga-Pondal and Josefina Perez Mateos
Summary: German
Source: Anal. Edaf. Tomo XIII, No. 6, pp. 483-514, June, 1954

The classification of types of tropical soils.
Author: P. Schaufelberger
Summary: English
Source: Anal. Edaf. Tomo XIII, Nos. 9-10, pp. 697-704, Sept. 1954

A descriptive study of some of the sands from the Peninsula de Anaga, Isle of Tenerife (Canary Islands).
Authors: Josefina Perez Mateos and Manuel Martel Sangil
Summary: English
Source: Anal. Edaf. Tomo XIII, Nos. 9-10, pp. 663-696, Sept. 1954

A contribution to the study of Spanish calcareous soil in arid climates.
Authors: J. M. Albareda, T. Alvira and Pilar Arevalo
Summary: None
Source: Anal. Edaf. Tomo XIV, No. 12, pp. 627-674, December, 1955

Soils of Spanish Guinea.
Authors: Angel Hoyos and Julio Rodriguez
Summary: None
Source: Anal. Edaf. Tomo XV, No. 1, pp. 1-56, January, 1956

A contribution to the study of saline soils in the zone of lower Guadalquivir.
Authors: F. Gonzales Garcia and M. Chaves Sanchez
Summary: English
Source: Anal. Edaf. Tomo XV, No. 2, pp. 115-160, February, 1956

Three Buntsandstein soil profiles are studied with the electronic microscope.
Author: Juan J. Alonso Pascual
Summary: English
Source: Anal. Edaf. Tomo XV, No. 4, pp. 279-290, April, 1956

Soils of Spanish Insular Guinea.
Authors: Angel Hoyos and Julio Rodriguez
Summary: English
Source: Anal. Edaf. Tomo XV, No. 5, pp. 333-384, May, 1956

Soil Morphology

The sandy coasts of Galicia. II. The coast of Finesterre.
Authors: Isidro Parga-Pondal and Josefina Perez Mateos
Summary: English
Source: Anal. Edaf. Tomo XV, Nos. 7-8, pp. 501-550, July-Aug., 1956

The destruction by rivers of Valencia. I. In general.
Author: Juan J. Alonso Pascual
Summary: None
Source: Anal. Edaf. Tomo XV, Nos. 7-8, pp. 551-605, July-August 1956

A contribution to the studies of Spanish calcareous soil in arid climates. II. Mineralogical studies of the sand fraction in the soil profile.
Authors: J. M. Albareda, T. Alvira and P. Arevalo
Summary: English
Source: Anal. Edaf. Tomo XV, No. 11, pp. 685-724, November, 1956

Foliar analysis. III. Control of the nutrition of potatoes cultivated in heterogeneous soil in relation to their development and treatment with fertilizer.
Authors: Ramon Dios and Salvador Bara
Summary: English
Source: Anal. Edaf. Tomo XV, No. 12, pp. 865-902, December, 1956

Studies about the philology and geology of some forms of calcareous rocks of central and northeastern Spain.
Author: H. Klinge
Summary: German
Source: Anal. Edaf. Tomo XVI, No. 1, pp. 77-134, January 1957

A contribution to the knowledge of the soils, relics and fossils of recent age on the calcareous rocks of Northern Spain.
Author: H. Klinge
Summary: German
Source: Anal. Edaf. Tomo XVI, No. 2, pp. 203-258, February, 1957

A study of the brown earth of the Canary Islands in relation to the nature of the mother rock.
Authors: Angel Hoyos de Castro and Vicente Soler
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 3, pp. 297-386, March 1957

The net caused by rivers of Valencia. II. The part brought north from the province. (The evolution caused by the rivers and their effluents in the formation of the plains on the coast of Valencia.)
Author: Juan J. Alonso Pascual
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 4, pp. 491-556, April 1957

Some forms of siluric sediments in the Spanish soils of the arid zone.
Authors: Jose M.a Albareda, Vicente Aleixandre and M.a del Carmen Sanchez Calvo
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 5, pp. 585-606, May, 1957

Soil Morphology

The net caused by rivers of Valencia. III. The part brought south from the province. Conclusions. (The evolution caused by the rivers and their effluents in the formation of the plains on the coast of Valencia.
Author: Juan J. Alonso Pascual
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 6, pp. 681-750, June 1957

Physiological and ecological classification of the soils of the world.
Author: Manuel del Llano
Summary: None
Source: Anal. Edaf. Tomo XVI, Nos. 7-8, pp. 857-866, July-Aug. 1957

The acid character of the arable land in the humid area.
Authors: F. Guitian Ojea and M. Munoz Taboadela
Summary: English and German
Source: Anal. Edaf. Tomo XVI, No. 11, pp. 1017-1098, November 1957

Physical-chemical studies of the clays from the Spanish Levant. V. The trial techniques.
Authors: A. Grua Mestre, F. Costell Landete and J. I. Fernandez Alonso
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 12, pp. 1177-1196, December 1957

Mineral composition and origin of some types of calcareous soils from Andalusia. II. Physiochemical studies of the minerology of the clay fractions.
Authors: F. Gonzalez Garcia and G. Paneque Guerrero
Summary: English
Source: Anal. Edaf. Tomo XVI, No. 12, pp. 1115-1176, December 1957

Soils of the Balearic Islands.
Authors: H. Klinge and A. Mella
Summary: German
Source: Anal. Edaf. Tomo XVII, No. 1, pp. 57-92, January 1958

A contribution to the knowledge of the forms of recent age of relics and fossils on the calcareous rocks in Central Spain.
Author: H. Klinge
Summary: German
Source: Anal. Edaf. Tomo XVII, No. 2, pp. 173-208, February 1958

Micromineralogy of soils, sediments and tertiary rocks of the Genil Valley (Puente Genil, Ecija).
Author: Guillermo Paneque Guerrero
Summary: English
Source: Anal. Edaf. Tomo XVII, Nos. 9-10, pp. 713-754, Sept. 1958

Mineralogical composition and formation of some soils in Spanish Continental Guinea.
Authors: Angel Hoyos de Castro and Luis J. Alias Perez
Summary: English
Source: Anal. Edaf. Tomo XVIII, No. 3, pp. 185-206, March 1959

Soil Morphology

A systematic study of soil in the Ciudad Valley. I. The study and improvement of pastureland in the Mediterranean area.
Author: Manuel Ocana
Summary: None
Source: Anal. Edaf. Tomo XVIII, No. 3, pp. 161-184, March 1959

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A mineralogical study of the sands.
Author: Josefina Perez Mateos
Summary: None
Source: Anal. Edaf. Tomo VII, Vol. III, pp. 643-652, Sept.-Dec. 1948

The conservation of the soil in the United States of North America and the problems of erosion in Spain.
Author: Jose Manuel Pertierra
Summary: None
Source: Anal. Edaf. Tomo V, Vol. II, pp. 531-566, November 1946

About the possibility of "red ox" (red oxide?) in soils.
Author: Enrique Gutierrez Rios
Summary: German
Source: Anal. Edaf. Tomo III, Vol. I, pp. 50-58, May 1944

The process of erosion in the Sierra Nevada.
Authors: E. Gutierrez Rios and A. M.a Medina Ortega
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. II, pp. 257-276, November, 1946

Courses in soil science and geo-botany in Jaca, August 6-19, 1942.
Author: Pedro Artigas
Summary: None
Source: Anal. Edaf. Tomo I, Ano I, pp. 295-303, November 1942

Some considerations on the use of soil symbols.
Author: Tomas Alvira
Summary: None
Source: Anal. Edaf. Tomo II, Ano II, pp. 193-200, May 1943

Classification and types of soil. I.
Authors: Jose M.a Albareda Herrera and Angel Hoyos de Castro
Summary: None
Source: Anal. Edaf. Tomo II, Ano II, pp. 151-192, May 1943

Some notes on the investigation of micro-morphology of soil.
Author: Cruz Rodriguez
Summary: None
Source: Anal. Edaf. Tomo II, Ano II, pp. 144-150, May 1943

Classifications and types of soil. II.
Authors: Jose M.a Albareda Herrera and Angel Hoyos de Castro
Summary: None
Source: Anal. Edaf. Tomo II, Vol. II, pp. 373-407, November 1943

Soil Morphology

Systemization of the land and minerals at the beginning of the 18th Century.
Authors: Joaquin Agra Cadarso and Tomas Alvira Alvira
Summary: None
Source: Anal. Edaf. Tomo III, Vol. 1, pp. 156-160, May 1944

Classifications and types of soils. III. Chemical classifications.
Authors: Jose M.a Albareda Herrera and Angel Hoyos de Castro
Summary: None
Source: Anal. Edaf. Tomo III, Vol. 1, pp. 142-155, May 1944

The process of erosion and types of soils of the Spanish Pyrenees.
Author: Enrique Gutierrez Rios
Summary: English
Source: Anal. Edaf. Tomo III, Vol. II, pp. 250-300, November 1944

A contribution to the study of the red earth of Spain.
Author: Tomas Alvira Alvira
Summary: German
Source: Anal. Edaf. Tomo III, Vol. II, pp. 203- 249, November 1944

The conditions forming the Spanish arid soils, granites and calcareous.
Author: Jose M.a Albareda Herrera
Summary: English
Source: Anal. Edaf. Tomo IV, Vol. 1, pp. 210-223, May 1945

Soil and its succession in the "Schoenetum nigricantis" between Quero and Villacanas (Province of Toledo).
Authors: Salvador Rivas Goday and Isidoro Asensio Amor
Summary: English
Source: Anal. Edaf. Tomo IV, Vol. 1, pp. 147-183, May 1945

Conditions forming the soil of the Canary Islands.
Author: Angel Hoyos de Castro
Summary: German
Source: Anal. Edaf. Tomo IV, Vol. 1, pp. 3-65, May 1945

A contribution to the study of the silicate soil of Spain.
Authors: Jose M.a Albareda Herrera and Isidoro Asensio Amor
Summary: German
Source: Anal. Edaf. Tomo IV, Vol. 1, pp. 66-132, May 1945

The limey soils of Spain.
Authors: Jose M.a Albareda Herrera and E. Gutierrez Rios
Summary: None
Source: Anal. Edaf. Tomo IV, Vol. II, pp. 225-250, November 1945

Charts of the types of biogenetics of soil and an international soil science map of Europe.
Author: Hermann Stremme
Summary: None
Source: Anal. Edaf. Tomo V, Vol. 1, pp. 201-216, May 1946

Soil Morphology

A work on microbiology in the soil of the forest and in cultivated soil of the Province of Valladolid. Part 1.
Authors: Emilio Zapatero Ballesteros and Agapito San Juan
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. 1, pp. 17-44, May 1946

Geological and biological study of the red earth north of the City of Toledo.
Authors: Tomas Alvira Alvira and Manuel Alia Medina
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. 1, pp. 5-16, May 1946

A contribution to the study of the silicic-mould soils in the Sierra de Guadarrama.
Author: Mariano Claver Aliod
Summary: English
Source: Anal. Edaf. Tomo VI, Vol. 1, pp. 5-52, January-April 1947

Soils of the north zone of the Spanish Protectorate in Morocco.
Author: Jose A. Jimenez Salas
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. 11, pp. 277-306, November 1946

Soils from Spanish Morocco. Chemical and physio-chemical characteristics.
Author: Tomas Alvira Alvira
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 1, pp. 3-32, Jan.-Feb. 1949

A contribution to the study of soil in the Canary Islands.
Author: Angel Hoyos
Summary: None
Source: Anal. Edaf. Tomo VII, No. 2, pp. 257-272, May-August 1948

SOIL-WATER RELATIONS

The amount of water available in the soil.
Author: Geoffrey B. Bodman
Summary: None
Source: Anal. Edaf. Tomo XIV, No. 6, pp. 367-376, June, 1955

A contribution to the study of the movement of water in the soil by the "Electric Resistance" method.
Authors: Jose M.a Albareda, J. A. Jimenez Salas, Julia Gonzalez Pena
Summary: English
Source: Anal. Edaf. Tomo XII, Nos. 9-10, pp. 713-736, Sept.-Oct., 1953

A study of methods of electrical resistance in some determinations of the humidity in soil.
Authors: Jose M.a Albareda, Jose Antonio Jiminez Salas, Julia Maria Gonzalez Pena
Summary: English
Source: Anal. Edaf. Tomo XII, Nos. 7-8, pp. 579-674, July-Aug., 1953

Use of a tensiometer in the measurement of the capillary potential of soil
Author: M. Font-Altaba
Summary: English
Source: Anal. Edaf. Tomo VIII, No. 3, pp. 367-392, May-June, 1949

Influence of intensive irrigation on the chemical composition of Holcus lanatus, Lolium multiflorum and Poa annua.
Authors: Ernesto Vieitez and Ramon Dios
Summary: None
Source: Anal. Edaf. Tomo VII, No. 2, pp. 314-342, May-August, 1948

Studies on the transpiration of vegetation. Experiments with maize cultivated in.lysimeters.
Author: Luis Cavanillas Rodriguez
Summary: French and English
Source: Anal. Edaf. Tomo VI, Vol. 1, pp. 129-144, Jan.-April, 1947

Studies on the transpiration of vegetation.
Author: LLuis Cavanillas Rodriguez
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. 11, pp. 441-454, November, 1946

Studies on the transpiration of vegetation.
Authors: Luis Cavanillas Rodriguez and M.a Dolores Angulo Carpio
Summary: French and English
Source: Anal. Edaf. Tomo V, Vol. 1, pp. 65-92, May, 1946

One area of microclimate.
Author: Cruz Rodriguez Munoz
Summary: None
Source: Anal. Edaf. Tomo V, Vol. 1, pp. 45-54, May, 1946

Beginning the study of the hydrology of plants.
Author: Luis Cavanillas Rodriguez
Summary: None
Source: Anal. Edaf. Tomo III, Vol. 1, pp. 127-141, May, 1944